

KOSEC, Feliks,;PRIMOZIC, Erna

Experience with the treatment of tuberculous exudative pleurisy.  
Zdrav. vestn. 33 no.1:7-9 '64

1. Interni oddělek splosne bolnisanice v Novem Mestu (Pred-  
stojnik: dr. Feliks Kosec).

PRISONER

RUMANIA/Chemical Technology. Chemical Products and      II  
Their Uses. Part III. Chemical Processing  
of Natural Gases and Petroleum. Motor and  
Rocket Fuels. Lubricants.

Abs Jour : Ref Zhur-Khiniya, No 15, 1958, 51552

Author : Vasilescu, A. C., Prisoner  
Inst : -  
Title : Natural Gas Compressor Pump.

Orig Pub : Petrol si gaze, 1957, 8, No 3, 131-137

Abstract : Design principles and experimental data  
for the operation of 4 types of pumps,  
used by gas trades for gas transportati-  
on under low pressure, which utilize the  
energy of high pressure gas at the well.  
-- B. Englin

Card : 1/1

42654

S/832/62/000/000/008/015  
D244/D307

AUTHORS:

Nametkin, N.S., Topchiyev, A.V. and Primula, N.A.

TITLE:

Chloromethylation of organosilicon compounds  
and synthesis of the organic compounds of  
silicon from chloromethylated alkylbenzenes

SOURCE:

Issledovaniya v oblasti kremniyorganicheskikh soedineniy; sintez i fiziko-khimicheskiye svoystva. Sbornik statey. Inst. neftekhim. sint. AN SSSR. Moscow. Izd-vo AN SSSR, 1962, 156 - 167

TEXT:

Chloromethylation of a number of trialkylbenzylsilanes was investigated, the latter being obtained as follows:

$C_6H_5CH_2MgCl + R_3SiCl \longrightarrow R_3SiCH_2C_6H_5 + MgClX$ , where  $R = CH_3, C_2H_5, C_3H_7$  and  $C_4H_9$ . The chloromethylation was conducted in an aqueous medium with 37 % formalin and also in  $CCl_4$  and acetic acid with paraformaldehyde.  $ZnCl_2$  was used as a catalyst. The yields decrease

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S/832/62/000/000/008/015  
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Chloromethylation ...

from 54 % to about 10 % on passing from methyl to butyl groups. Saponification of the chloroderivatives of trimethyl- and triethylsilanes, by heating to 100°C in the presence of  $\text{CaCO}_3$ , gave a series of oxygen- containing organic silicon compounds. Reduction of trimethyl- and triethylbenzylsilanes via their organo- magnesium compounds gave condensation products  $\text{R}_3\text{SiCH}_2\text{C}_6\text{H}_4\text{CH}_2\text{CH}_2\text{C}_6\text{H}_4$   $\text{CH}_2\text{SiR}_3$ , apart from the corresponding trialkylmethylbenzylsilanes, where  $\text{R} = \text{CH}_3$  and  $\text{C}_2\text{H}_5$ . The reaction  $\text{R}_3\text{SiCH}_2\text{C}_6\text{H}_4\text{CH}_2\text{MgCl}$  with  $\text{R}_3\text{SiX}$  in absolute ether gave  $\text{R}_3\text{SiCH}_2\text{C}_6\text{H}_4\text{CH}_2\text{SiR}_3$ , where  $\text{R} = \text{CH}_3$ ,  $\text{C}_2\text{H}_5$  and  $\text{X} = \text{Cl}$  or  $\text{Br}$ . As the chloromethylation of alkylbenzenes gives a mixture of *p*- and *o*- chloromethylalkylbenzenes, the proportion of the isomers in the reaction products was determined by their oxidation with  $\text{CrO}_3$ , whereby only *para*- isomers are oxidized. The proportion of the *para*- isomers was found to be 70 %, 75 % and 98 % for the chloromethylation of trimethylbenzyl-, triethylbenzyltripropylbenzy- silanes respectively. Also investigated was the chloromethylation of toluene, ethylbenzene and *iso*- propylbenzene.

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Chloromethylation ...

S/832/62/000/000/008/015  
D244/D307

Organomagnesium compounds were prepared from the chloromethylated alkylbenzenes which by the interaction with alkylhalogenosilanes formed organic silicon compounds with alkylbenzene radicals attached to Si atom. Investigation of the content of para-isomers in the products showed that it increases with the size of alkyl groups in alkylbenzene. There are 8 tables.

Card 3/3

PRIMUSZ, Erno (HA 5 DU), I.osztalyu rovidhullamu amator

High-power "B" and "C" grade transmitter. Radiotechnika 14  
no.1:12-15 Ja '64.

PRIMUS, Erno, I.oszt.min.RH.amator (HA 5 DU)

Keying monitor. Radiotechnika 12 no.11:364-365 N '62.

PRIMUS, Erno, I.o.minositett amator (HA 5 DU)

Audio-frequency filter for BC or other receivers. Radiotechnika  
12 no.9:283-284 S '62.



L 33687-66 EWP(t)/ETI IJP(c) JD

ACC NR: AP602/250

SOURCE CODE: CZ/0032/65/015/005/0341/0349

AUTHOR: Primus, F. (Professor; Engineer; Doctor)

ORG: Czech Institute of Technology, Prague (Ceske vysoke uceni technicke)

TITLE: Specifications of carbon and low-alloy structural steels with guaranteed weldability

SOURCE: Strojirenstvi, v. 15, no. 5, 1965, 341-349

TOPIC TAGS: carbon steel, low alloy steel, structural steel, weldability, metal property, metal heat treatment, material deformation, material fracture

ABSTRACT: The requirements to be met by structural steel with guaranteed weldability must be duly formulated in its specifications, which must indicate the chemical composition of the material, its mechanical properties and other important data. Sometimes the technique of its production and heat treatment must be specified, as well as the maximum allowable deformation cold, and the welding process must be adjusted to the equivalent carbon content with due regard for its ageing properties and tendency to brittle fracture. This paper was presented by B. Vrana. Orig. a-t. has: 5 figures and 5 tables. Based on author's Eng. abst. / JPRS /

SUB CODE: 11, 13, 20 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 007

Card 1/1

UDC: 669.14.018.62: 669.14.018.29

PRIMUS, Frantisek, prof. dr. inz.

Heterogeneity of large forgings. Acta techn Cz 9 no.1:17-42 '64.

1. Tschechische Technische Hochschule, Praha 2 - Nove Mesto,  
Karlovo namesti 13.

PRIMUS, Frantisek

Taveni kovu a taveci pece. (Melting of Metals and Melting Furnaces; a university textbook. 1st ed. illus.) For the students of the Faculty of Mechanical Engineering. Prague, SNTL, 1957. 72 p.

Bibliograficky katalog, CSR, Ceske knihy, No. 33. 24 Sept 57. p. 725.

PRIMUS, FRANTISEK

Zpracovani nekovovych materialu. [Vyd. 1.] Praha, Statni pedagogicke nakl., 1952.  
57 p. (Ucebni texty vysokych skol) [The processing of nonmetallic materials. Diags.]

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, LC., VOL. 3, NO. 1, Jan. 1954, Uncl.

PRIMUS, FRANTISEK.

Kovarenstvi. [Vyd. 1.] Praha, Statni pedagogicke nakl. 1953. Vol. 1.  
(Ucebni texty vysokych skol) [Forging, Diagra.]

SO: Monthly List of East European Accessions / Vol. 3, No. 2, February, 1954  
Library of Congress, Uncl.

PRIMUS, Frantisek, prof. dr. inz. DrSc.

Directives for specification of simple structural steels with  
guaranteed weldability. Acta technCz 9 no.4:323-335 '64

1. Czech Higher School of Technology, Prague 2 - Nové Mesto,  
Karlovo namesti 13.

PRIMUS, Venek, inz.

Future development of our airports. Letecký obzor 6 no.2:50-51 '62.

PRIMUSHKO, I.G. [Prymushko, I.H.]

Volvulus of the Fallopian tubes in an 11-year old girl. Ped., akush.  
i gin. 23 no.3:3 of cover '61. (MIRA 15:4)

(FALLOPIAN TUBES—DISEASES)



PRIMUSKO, N. Yu.

"Germination of Lucern Seed", Aerobiol. 6, 1949.

Mem. Ukr. Sci. Res. Inst. of Grain Farming, Dnepropetrovsk, -c 1949-.

PRIMUSZ, Erno, (HA 5 DU) I. o. minositesu rovidhullamu amator

Vertical "trap" antenna. Radiotechnika 13 no.6:212-213 Je '63.

BATALIN, S.A., dotsent; PRIMYSKIY, A.M., inzh.

Inversion of the main airway fan in blower-exhaust methods of  
mine ventilation. Izv.vys.ucheb.zav.; gor.zhur. no.10:68-70  
'58. (MIRA 12:8)

1. Tomskiy politekhnicheskii institut.  
(Mine ventilation) (Fans, Mechanical)

PRIMYSKIY, A.M., inzh.

Selecting a system of forced air-exhaust methods of mine ventilation in conditions prevailing in the Prokop'yevsk-Kiselevsk area. Izv.vys.ucheb.zav.; gor.zhur. no.7:52-58  
'60. (MIRA 13:7)

1. Tomskiy ordena Trudovogo Krasnogo Znameni politekhnicheskii institut imeni S.M.Kirova. Rekomendovana kafedroy tekhniki bezopasnosti i rudnichnoy ventilyatsii.  
(Kuznetsk Basin—Mine ventilation)

PRIMYSKIY, A.M., inzh.

Determining the section of a fan drift in relation to construction costs and the amount of power needed for ventilation. Izv.vys.ucheb. zav.; gor.zhur. no.7:42-47 '58. (MIRA 12:3)

1. Tomskiy politekhnicheskiy institut.  
(Mine ventilation--Costs)

PRINADA, V.D. [deceased]; TURUTANOVA-KETOVA, A.I.

Triassic equisetums and ferns of Bashkiria. Paleont. zhur.  
no.3:111-122 '62. (MIRA 15:9)

1. Botanicheskiy institut AN SSSR imeni V.L.Komarova.  
(Bashkiria--Horsetail, Fossil)  
(Bashkiria--Ferns, Fossil)

PRINADA, V.D.; TURUTANOVA-KETOVA, A.I., kand. teol.-miner. nauk,  
red.; GOROKHOVA, T.A., red. izd-va; PEN'KOVA, S.A., tekhn.  
red.

[Mesozoic flora of Eastern Siberia and Transbaikalia] Mezo-  
zoiskaia flora Vostochnoi Sibiri i Zabaikal'ia. Pod red.  
A.I. Turutanovoi-Ketovoi. Moskva, Gosgeoltekhizdat, 1962.  
367 p. (MIRA 15:9)  
(Siberia, Eastern--Paleobotany, Stratigraphic)  
(Transbaikalia--Paleobotany, Stratigraphic)

1. PRINADA, V. D.
2. USSR (600)
4. Siberia - Paleobotany
7. Review of the book "Mesozoic flora of Siberia" by V. D. Prinada.  
V. A. Obruchev. Izv. AN SSSR. Ser. geol. No. 6, 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.



PRINC, F.; VACJA, F.

"Repairs of worn-out or defective axles by metalization." Syranic, Bratislava, Vol. 1, No. 12, Dec. 1953, p. 379.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

PRINC, F.; NAVARA, V.

Chromising in a vacuum. p.20.

CHECHOSLOVAK HEAVY INDUSTRY. (Ceskoslovenska obchodni komora) Praha,  
Czechoslovakia. No.7, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol.9, no.1, Jan.1960.

Uncl.

PRINC, F.

Flame-sprayed coatings. p.28.

CHECHOSLOVAK HEAVY INDUSTRY. (Ceskoslovenska obchodni komora) Paraha,  
Czechoslovakia. No.7, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol.9, no.1, Jan.1960.

Uncl.

PRINC, Fr., inz.

Replacing nonferrous metals by aluminum in the electric rotary machines and high-voltage apparatus. Elektrotechnik 17 no.10:296-297 0 '62.

PRINC, Frantisek, inz.

A conference on tropicalization of electrical revolving machines.  
Tech praca 14 no.8:635-636 Ag '62.

PRINC, P.

Metallization in repair techniques. p. 163

TECHNICKA PRACA. (Rada vedeckych technickych spolecnosti pri slovenskej akademii vied) Bratislava, Czechoslovakia, Vol. 11, no. 10, Oct. 1959

Monthly List of East European Accessions (EMEA), 10 Vol. 2, no. 2,  
Feb. 1960

Encl.

PRINC, JAN.

Polygraphy in Slovakia. 1st ed. illus., notes

Bratislava, Slovenske vydavatelstvo technickej literatury, 1958. 219 p.  
Czechoslovakia

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 8,  
August 1959

Unclassified

NOVACEK, L., doc. inz. dr. (Ct.); PPHE, lub. viz, inz.

Mushroom ceilings. Inz stavby 12 no. 7:020-321 J1'64



PRINC, Lubomir, inz.

Mushroom ceilings. Inz stavby 10 no.12:466-467 D '62.

1. Krajsky projektovy ustav, Plzen.

PRINC, L.

PRINC, L. Steel structures built for export. p. 526  
Vol 4, no. 11, Nov. 1956 INZENYRSKE STAVBY  
(Ministerstvo stavenictvi) Praha, Czechoslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

PETRASEK, J.; PRINC, L.

Ion-exchangers in the treatment of edema, Cas.lek.cesk 100 no.12:  
Lek Veda Zahr:59-63 24 Mr '61.

1. III. int. klinika KU v Praze, prednosta akademik Josef Charvat.

(ION EXCHANGE RESINS ther) (EDEMA ther)

VACL, J.; BILA, K.; PRINC, M.; MUSIL, J.

Conversion of blood preserved in ACD solution, Preliminary  
report. Cas. lek. cesk. 103 no.28:812-815 6 JI'64

1. Fakultní transfúzní stanice v Brně (vedoucí: MUDr. J. Václ)  
a II. chirurgická klinika UJEP [ University J.E. Purkyně ]  
v Brně (prednosta: prof. dr. J. Navrátil).

CZECHOSLOVAKIA

BILA, K., MD; PRINC, M; VACL, J., MD.

F<sup>A</sup>aculty Transfusion Station (Fakultni transfusni stanice),  
Brno (for all)

prague, Vnitřní lékařství, ~~x~~ no 12, 1963, pp 1183-1188

"The Use of Stored Thrombocytes for Treatment of ~~HEMORRHAGIC~~  
Haemorrhagic Disorders."

BILA, K.; VACL, J.; MUSIL, J.; PRINC, M.

Use of citrated preserved blood in extracorporeal circulation.  
Cas. lek. cesk. 103 no.41:1143-1147 9 0 '64.

1. Transfuzni stanice lekarske fakulty University J.E. Purkyně v  
Brně (vedouci MUDr. J. Vaci) a II chirurgická klinika lekarske  
fakulty University J.E. Purkyně v Brně (prednosta prof. dr. J.  
Navrátil, DrSc.).

1. 44803-56

ACC NR: AP600168

(A)

SOURCE CODE: CZ/0078/66/000/002/0008/0008

INVENTOR: Princ, Petr <sup>(Prague);</sup> Roztocil, Jaroslav (engineer; *Modrany*)

ORG: none

TITLE: (Frequency divider with harmonic oscillator) CZ Pat. No. PV 257-65, Class 21

SOURCE: Vynalez, no. 2, 1966, 8

TOPIC TAGS: frequency divider, harmonic oscillator

ABSTRACT: A frequency divider with a harmonic oscillator and a relaxation synchronizer is described which has the distinguishing feature that the harmonic oscillator is constituted by a heptode to the second control grid of which is connected a tunnel LC circuit coupled to its first control grid by a frequency stabilizer, for example, by a crystal. The relaxation circuit is constituted by the remaining electrodes from the heptode and by the triode just as a Smidt circuit the input of which is with the synchronizing circuit, connected through a differentiating circuit to the control grid of a double triode of which the systems, constituting an asymmetrical multivibrator, are connected from one side to the output of a stabilized harmonic frequency fed from the tuned LC circuit. From the other side in the grid circuit

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L 44803-66

ACC NR: AP6020168

of the double triode system, constituting a cathode follower, is connected the output of the divided, stabilized, harmonic frequency of the second tuned LC circuit constituting at the same time the source for consumption by locking pulses of the fundamental frequency. At the same time the divider is triggered by the synchronizing pulses of the fundamental frequency charging the condenser of the synchronizing circuit.

SUB CODE: 09/ SUBM DATE: 14Jan65

Card 2/2

blg



PRINC, V.

"District Automobile-Motorcycle Club No. 12 in Prague Seeks Pubicity",  
P. 500, (SVET MOTORU, Vol. 8, No. 16, July 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,  
Dec. 1954, Uncl.

5(4)

AUTHOR:

Prirce, A.

SOV/76-4-4-40/44

TITLE:

Contribution to the History of the Study of Phase Diagrams  
(K istorii izucheniya fazovykh diagramm)

PERIODICAL:

Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 4, pp 950-952  
(USSR)

ABSTRACT:

The phase equilibria of metallic systems investigated by the end of 1958 are contained in figure 1 and table 1. The data indicate that until 1954 the largest number of corresponding publications were issued in Germany. During the last three years almost 90% of all published papers on binary, ternary and quaternary systems are of British, German, American, and Soviet origin. The present paper is a translation from English (translator Z. I. Podgayskaya). There are 1 figure, 2 tables, and 6 references, 1 of which is Soviet.

SUBMITTED:

September 19, 1958

Card 1/1

PRINCIP, Borivoj, inz. (Pancevo, Georgi Dimitrova 20a); CEKOVA,  
Stanka, dipl. hem., saradnik

Effect of  $CCl_2$  on the corrosion of Fe alloys after the CO  
conversion and the gas scrubbing. Tehnika Jug 19 no.5;  
Hemindustrija 18 no.5; 924-930 My '64.

1. Head, Anticorrosion Laboratory, "Pancevo" Chemical  
Industry, Pancevo (for Princip). 2. Anticorrosion  
Laboratory, "Pancevo" Chemical Industry, Pancevo (for Cekova).

PRINDISZ, Karol

Chlorination of woolen fabrics which are to be printed. Przegl  
wlokien 18 no.12:549-555 D '64.

PRINDISZ, Pawel, prof.

The 15th anniversary of the Association of Engineers and Technicians of the Textile Industry. Przegl techn no.22:1,3 Je '62

1. Przewodniczacy Zarzadu Glownego Stowarzyszenia Inzynierow i Technikow Przemyslu Wlokienniczego, Lodz.

PRINDISZ, Pawel, prof.

Activity of the Association of Engineers and Technicians of the Textile Industry for the masses. Przegl włokien 16 no.6:307-313 Je '62.

PRINDISH, Pavel, prof.

Equipment and technology of the Cotton Combine in Andrychow.  
Tekst.prom. 20 no.5:73-76 My '60. (MIRA 13:8)  
(Andrychow, Poland--Cotton manufacture)

PRINDISZ, H.

24287  
Prindisz H., Jablonski W., Wojtkowski J. On Selecting the System of Feeding the Yarn Doubling Winder.  
„O wyborze systemu zasilania bębnowego łączniarki przędzy”. Przemysł Włókienniczy. No. 4, 1955, pp. 128--130, 2 tab.

677.021 : 677.051.58

The authors analyse two methods of feeding a fast doubling winder: 1) feeding from winding balls; 2) direct feeding from cops. The authors conclude that the first method is preferable since, 1) the output of the machine is increased; 2) production costs are reduced; 3) the speed can be increased even at greater number of doublings; 4) labour costs are reduced.

*metts*

3



POLAND / Chemical Technology. Chemical Products and Their  
Applications. Artificial and Synthetic Fibers.

H

Abs Lour : R Zh Khim, No 12, 1959, No 44337

Author : Jablonski, W.; Prindisz, K.

Inst : Not given

Title : Studies to Find an Optimum Method for Spinning a Mixture  
of Cotton-Polyamid Fibers.

Orig Pub : Przegl. włokienn., 1958, 12, Nr 10, 485-488

Abstract : None given.

Card 1/1

*Hr7/*

ETINBERG, E., kand.tekhn.nauk; PRINIMALA uchastiye Oganessian, I.A., inzh.

Study of the hydraulic losses of adjustable blade hydraulic  
turbines. Energomashinostroenie 7 no.4:8-11 Ap '61.  
(MIRA 14:7)

(Hydraulic turbines)

ARDASHEV, G.R.; MIKHAYLOV, I.N.; ZAMORSKIY, V.V.; DOVGICH, I.A.;  
SEVERNEV, I.M.; DOMAN'KOV, V.M.; Prinimali uchastiye:  
FEDOSOV, I.M.; KRIVENKO, P.M.; KUDRYAVTSEV, P.R.;  
BARABANOV, V.Ye.; BRIL', E.P., red.; PARSHIN, V.G., tekhn.  
red.

[Technical maintenance of the KD-35, KDP-35, and T38  
tractors] Tekhnicheskii ukhod za traktorami KD-35, KDP-35  
i T38. Moskva, Biuro tekhn.informatsii GOSNITI, 1962. 153 p.  
(MIRA 16:10)

1. Russia 1923- U.S.S.R.) Ministerstvo sel'skogo khozyaystva. 2. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skiy tekhnologicheskii institut remonta i ekspluatatsii mashinno-traktornogo parka (for Ardashev, Mikhaylov, Fedosov, Krivenko, Kudryavtsev, Barabanov). 3. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva (for Zamorskiy Dovgich). 4. Beloruskiy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva (for Severnev, Doman'kov).  
(Tractors--Maintenance and repair)

KISELEVA, Ye.V.; PRINIMAL UCHASTIYE BIBIN, V.N.

State of ammonia in aqueous solutions. Trudy MKHTI no.38:71-  
85 '62. (MIRA 16:7)

(Ammonia—Thermodynamic properties)  
(Electrolyte solutions)

PRINITS, O.I. (Tartu)

Work of the "Curriculum Committee". Mat. v shkole no.3:83  
My-Je '63. (MIRA 16:7)

(Estonia--Mathematics--Study and teaching)

PRINKE, E.

Calculating water pipes for buildings. p. 13, (GAZ, WODA I TECHNIKA SANITARNA, Vol. 29, No. 1, Jan. 1955, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5  
May 1955, Uncl.

Prinkl, H.; Ambrozy, A.; Tarnay, K.

Continuous measuring of layer thickness of enamel-covered wires during manufacturing process. p.56

MERES ES AUTOMATIKA. (Merstechnikai es Automatizalasi Tudomanyos Eryesulet)  
Budapest, Hungary. Vol7, no.2/3, 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11  
November 1959  
Uncl.

... .., N. YA.

Dissertation: "I. V. Lomonosov -- Founder of Chemical Science." Sent Shk. Sci,  
Moscow State Pedagogical Inst named V. I. Lenin, 17 Apr 54. (Vechernyaya Moskva,  
Moscow, 9 Apr 54)

SO: SUN 243, 19 Oct 1954



SOV/137-59-1-1815

Translation from. Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 240 (USSR)

AUTHOR: Prin'ko, G. P.

TITLE: A Method of Non-oxidizing Oil Quenching of Steel Parts (Svetlaya bezokislitel'naya zakalka stal'nykh detaley v maslo)

PERIODICAL: Za tekhn. progress (Sovnarkhoz Gor'kovsk. ekon. adm. r-na), 1958, Nr 2, pp 21-23

ABSTRACT: The method examined here, which has been developed and adopted for industrial use, consists of the process of bright, non-oxidizing oil quenching (Q) of components made of high-carbon tool steels, structural and carburized steels of the types 20KhA, 12KhN3A, 18KhNVA, etc. A diagram of the apparatus employed is shown. The heating of the components is accomplished in electric muffle furnaces with an inert atmosphere of dissociated  $\text{NH}_3$  with a moisture content of  $\leq 0.2\%$  (GOST 6221-52); the Q is accomplished in a bright-quenching oil (a mixture of 50-70% transformer oil and 30-50% aircraft oil). Without imposing any restrictions on the size of the parts undergoing Q, the method described produces a bright surface, reduces the amount of labor required, eliminates the need for

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SOV/137-59-1-1815

A Method of Non-oxidizing Oil Quenching of Steel Parts

descaling by mechanical and sand-blasting methods, and lowers the wear of the cutting tools.

A. B

Card 2/2

PRINPLATOVA, E.; SIMON, V.

Volumetric determination of Uranium with fericyanide. p. 907. (Chemicke Listy, Praha. Vol. 50, No. 6, June 1956.)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

PRINTS, G., inzhener; KOCHETOVA, G., inzhener.

Making bricks from clay with calcareous impurities.  
Strel.mat.izdel.i konstr. 1 no.12:24 D '55.(MLRA 9:7)  
(Brickmaking)

KONDRAT'YEVA, N.P.; PODLESSKAYA, Ye.M.; NOVIKOVA, V.F.; LASUKOV, A.N.;  
MURAV'YEVA, M.M.; PRINTS, G.Yu.; KOZHEVNIKOV, F.P.; PIROGOV, V.I.,  
red.; POLYAKOVA, K.A., tekhn.red.

[Economy of Belgorod Province; a statistical manual] Narodnoe  
khoziaistvo Belgorodskoi oblasti; statisticheskii sbornik. Orel,  
Gosstatizdat, 1957. 165 p. (MIRA 11:4)

1. Belgorodskaya oblast'. Statisticheskoye upravleniye. 2. Statisti-  
cheskoye upravleniye Belgorodskoy oblasti (for all, except Pirogov,  
Polyakova) 3. Nachal'nik Statisticheskogo upravleniya Belgorodskoy  
oblasti (for Pirogov)

(Belgorod Province--Economic conditions)

BILA, K.; FISHER, Ya. [Fisor, I.]; GOVEZAK, V. [Hovezak, V.]; PRINTS, M.  
[Prinz, M.]

Preparation of fibrinogen for intravenous use at a blood trans-  
fusion station. Probl.gemat.i perel.krovi no.5:43-46 '62.

(MIRA 15:8)

1. Iz fakul'tetskoy stantsii perelivaniya krovi (glavnyy vrach  
Ya. Vatsl) v Brno (Chekhoslovakiya).

(FIBRINOGEN)

(BLOOD—TRANSFUSION)

PRINTS, M.A., inzh.

D-515 ripper. Stroi. i dor. mash. 6 no.6:18 Je '61.

(MIRA 14:7)

(Road machinery)

APUKHTIN, N.I.; BOGRETSOVA, T.B.; BOCH, S.G. [deceased]; GENESHIN, G.S.;  
 GOLUBEVA, L.V.; GROMOV, V.I.; KRASHOV, I.I.; MIKHAYLOV, B.M.;  
 NIKIFOROVA, K.V.; NIKOLAYEV, N.I.; POKROVSKAYA, I.M.; POPOV, V.V.;  
 PRINTS, R.H.; RAVSKIY, E.I.; SHANTSER, Ye.7.; EPSHTEYN, S.V.;  
 YAKOVLEVA, S.V.; FEODOT'YEV, K.M., redaktor izdatel'stva; KASHINA,  
 P.S., tekhnicheskii redaktor

[Concise field manual for a comprehensive geological survey of the  
 Quaternary] Kratkoe polevoe rukovodstvo po kompleksnoi geologicheskoi  
 s"emke chetvertichnykh otlozhenii. Sost. N.I. Apukhtin i dr.  
 Moskva, 1957. 201 p. (MLR 10:9)

1. Akademiya nauk SSSR. Geologicheskii institut. 2. Moskovskiy  
 geologo-razvedochnyy institut (for Shantser). 3. Geologicheskii  
 institut Akademii nauk SSSR (for Nikiforova, Ravskiy, Golubeva)  
 3. Vsesoyuznyy Nauchno-issledovatel'skiy geologicheskii institut  
 Ministerstva geologii i okhrany nedr SSSR (for Ganeshin, Bogretsova,  
 Mikhaylov). 4. Voenno-inzhenernaya akademiya im. Kuybysheva (for  
 Popov). 5. Treest "Mosgeolnerud" (for Prints). 6. Severo-Zapadnoye  
 geologicheskoye upravleniye (for Apukhtin)  
 (Geology, Stratigraphic)



PRINTS, YA. I.

27258

Kornyesobstvyennaya Kul'tura Vinograda V Privitoy Zonye. Vi Nodyeliye I Vinogradarstvo  
SSSR, 1949 No. 8, C. 10-12.

SO: LETOPIS NO. 34

PPINTS, YA. I.

PPINTS, YA. I. "How to Control Pests and Diseases of Grape Vine," Vinodelie i  
Vinopredarstvo SSSR, vol. 10, no.6, 1950, pp.54-57. 95.2 V77

So: Sira SI-90-53, 15 Dec 1953

PRINTS. YA. I.,

USSR (600)

Agriculture & Plant & Animal Industry.

Cultivation of the European ungrafted grapevine in Moldavia. Kishinev, Gos.  
izd-vo Moldavii, 1951.

Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLASSIFIED.

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Plum - Diseases and Pests

Use of carbolimeum in the fight against scale insects on plums, Sad 1 og. no. 2,  
'52.

9. Monthly List of Russian Accessions, Library of Congress, May 1952, Uncl.

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Viticulture

Propagation of the grape by seedling stock in phylloxera-infested districts.  
Vin. SSSR. 12, No. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September <sup>1952</sup>~~1953~~, Uncl.

PRINTZ 4-15

(1) Selection of phylloxera-resistant varieties of vine. Ya. I. Printz and P. Kh. Kiskin. *Sel'skoe-Stroitel'stvo i Trudovoe Moldavi* 10, No. 3, 29-31 (1955).—By crossing several native varieties of vine grown in Moldavia, phylloxera-resistant hybrids were obtained from which the following 3 are the best: Korna Nyagra X Hamburger Muscat, Korna Alba X Hamburger Muscat, and Nyagra X Kaberne-Savin'on. The grapes of these hybrids contain sugar 18.1-18.4, 17.5-19.4, and 19-19.5%; and total acidity 5-10.5, 7-11, and 10-13 g./l., resp. E. Wierbicki

(1)

PRINTS, Ya.I.

Concerning P.I. Nikolaev's article "Biology of grape Phylloxera."  
Zool.zhur. 35 no.4:623-625 Ap '56. (MLRA 9:8)  
(Phylloxera)

USSR/Plant Diseases. Diseases of Cultivated Plants.

2-2

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25387.

Author : Prints, Ya. I.

Inst :

Title : Strengthening the Control of Mildew.  
(Usilit' bor'bu protiv mil'd'yu).

Orig Pub: Vinodeliye i vinogradarstvo SSSR, 1957, No 3, 28-31.

Abstract: Grape therapeutic treatment is recommended according to the incubation periods in the development of the instigators of diseases.

Card : 1/1

/3



PRINTS, Ya, I., professor.

Cultivation of ungrafted grapes. Nauka i pered. op. v sel'khoz. 7  
no. 4:39-40 Ap '57. (MLRA 10:6)

(Viticulture)

USSR/Cultivated Plants. Fruit Trees. Small Fruit Plants.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77867.

Author : Prints, Ya. I.; Kiskin, P.Kh.

Inst :                     

Title : Use of the Amur Grape for Raising Frost, Mildew and  
Phylloxera Resistant Shoots.

Orig Pub: Vestn. s.-kh. nauki, 1957, No10, 75-86.

Abstract: First results achieved in Moldavia are cited on  
the cultivation of a cold-, mildew- and phylloxera-  
resistant grape with the purpose of the fastest  
possible restoration of significant areas of grape-  
vines which died in years of low temperatures  
(1929, 1950, 1954). Cross-breeding of the Moldavian  
varieties of grapes Kara nyagra, Korna nyagra and

Card : 1/2

USSR/Cultivated Plants. Fruit Trees. Small Fruit Plants.

M

Mos Jour: Ref Zhur-Biol., No 17, 1956, 77867.

Grecheskiy rozovyy with the Amur grape (*Vitis amurensis*) had mild success; the seedlings are noted for early ripening of the wood pulp, for frost-, mildew- and (comparative) phylloxera-resistance; the grapes are resistant to rot, do not have high saccharinity. The negative aspect of the hybrid seedlings - an insignificant size of clusters and grapes. During 5-year nurturing of these hybrid seedlings, with grafting to quality European varieties Aligote, Kalabrez, the positive properties were preserved in them and the weight of grapes and clusters was increased, yield of must was increased and acidity was decreased. -- G. M. Kagan.

Card : 2/2

155

PRINTED, 10. 1.

30-1-33/51

AUTHOR: Kosenko, I. Ye. , Candidate of Agricultural Sciences

TITLE: The Tasks of Biological Research in the Moldavian SSR  
(Zadachi biologicheskikh issledovaniy v Moldavskoy SSR)  
Out-of-Town Session of the Department of Biological Sciences (Vyyezdnaya sessiya otdeleniya biologicheskikh nauk)

PERIODICAL: Vestnik AN SSSR, 1958, Vol. 22, Nr 1, pp. 125 - 126 (USSR)

ABSTRACT: From September 16, to September 21, 1957 the congress took place in the branch of the AN in the Moldavian SSR, which was organized together with VASKhNIL. The congress was intended to discuss the results of biological research in this field and to give precise information concerning the tasks to be performed in future. It was attended by 400 representatives of the branch of the AN and other scientific factory institutions, as well as by representatives of the Moscow and Leningrad Institutes. The following reports were delivered:

- 1) L. S. Matoyuk: The principal results and problems in the development of the Biological Sciences in the Moldavian SSR.
- 2) A. Ye. Kovarskiy: Innovation in the selection and the hybridization of maize.

Card 1/3

30-1-33/39

The Tasks  
Out-of-Town Session of **OF Biological Research in the Moldavian SSR.**  
the Department of Biological Sciences

- 3) Ya. I. Prints: The present stage of the phyloxera problem, ways and problems of further research.
- 4) D. D. Verderevskiy: The immunity of plants against infectious diseases and ways of their practical utilization.
- 5) M. A. Dimo: The soils of Moldavia and their main characteristic features.
- 6) M. A. Krasil'nikov: On the part played by microorganisms in plant nutrition.
- 7) P. A. Genkel: The importance of quiet in the life of plant organisms.
- 8) M. Kh. Chaylakhyan: The chemical stimulation of the growth and blossoming of plants.
- 9) M. I. Sidorov: On the problem of the agricultural system in Moldavia.

The following sections were active: agriculture, botanica, agrochemistry, microbiology of the soil; plant physiology, plant biochemistry, selection and genetics of plants; plant structure and agriculture; protection of plants, zoology, hydrobiology and ichthyology; physiology of plants. It was recommended to extend the treatment of methodical problems connected with the investigation of

Card 2/3

38-1-33/50

The Tasks of Biological Research in the Moldavian SSR.  
Out-of-Town Session of the Department of Biological Sciences

soils, and to take measures for the further development of work tending to explain the origin of the soils of Moldavia, to find new ways of increasing the yield of soils and to struggle against erosion, etc. Furthermore, the necessity of the research of the flora was stressed, as well as of work connected with introduction and acclimatization, on the investigation of spore plants and with experimental botanics. The following suggestions were further made: to map agrochemical charts of the soils of fields with successive crops and many years of planting; the investigation of the micro-organisms of various types of soil, the supplying with organic and mineral fertilizers and microelements, the increase of theoretical investigations on plant physiology and biochemistry; the determination of measures for the struggle against diseases and plant vermins, the increased treatment of physiological problems in order to increase the productivity of agricultural animals, and, lastly an increased introduction of scientific achievements in practice.

AVAILABLE: Library of Congress

Card 3/3 1. Biology research-USSR 2. Biology reports-USSR

SPASSKIY, A.A., otv. red.; YAROSHENKO, M.P., red.; MARITS, A.M.,  
kand. biol. nauk, red.; AVERIN, Yu.V., doktor biol. nauk,  
red.; PRINTS, Ya.I., red.; KONYAKINA, I., red.

[Papers on neurophysiology] Sbornik po neirofiziologii.  
Kishinev, Kartia Moldoveniaske, 1963. 99 p. (MIRA 17:6)

1. Akademiya nauk Moldavskoy SSR. Institut zoologii.
2. Deystvitel'nyy chlen AN Moldavskoy SSR (for Spasskiy,  
Prints). 3. Chlen-korrespondent AN Moldavskoy SSR (for  
Yaroshenko).

PRINTS, Ya. I.

Chemotactic changes in the grape phylloxera (*Phylloxera vastatrix* Flanch.) [with summary in English]. Zool. zhur. 37 no. 4:523-530  
Ap '58. (MIRA 11:5)

1. Moldavskiy filial Akademii nauk SSSR, Kishinev.  
(Phylloxera) (Grapes--Diseases and pests) (Chemotaxis)



PRINTS, Ya.I., prof.; ZABULIKA, V., red.; MILYAN, N., tekhn. red.

[Cultivation of scion-rooted grapes in Moldavia] Kultura  
vitsei de vie nealtoite yn Moldova; editiia a doua.  
Kishineu, Editura de stat "Kartiia moldoveniaske," 1960.  
96 p. (MIRA 15:3)

(Moldavia--Grapes)

PRINTS, Ya.I., prof.

Phylloxera and its control. Zashch. rast. ot vred. i bol. 5  
no.4:53-54 Ap '60. (MIRA 13:9)  
(Phylloxera)

PRINTS, Ya. I.

Biology of phylloxera and methods for its control. Ent. oboz. 39  
no.3:605-609 '60. (MIRA 13:9)

1. Institut biologii Moldavskogo filiala AN SSSR, Kishinev.  
(Phylloxera)

KOGAN, L.M.: PRINTS, Ya.I.

Effect of hexachlorobutadiene on the phylloxera of the  
grapevine. Dokl.AN SSSR 133 no.1:246-248 J1 '60.  
(MIRA 13:7)

1. Nauchnyy institut po udobreniyam i insektofungisidam i  
Institut biologii Moldavskogo filiala Akademii nauk SSSR.  
Predstavleno Akademikom S.I.Vol'fkovichem.  
(GRAPES—DISEASES AND PESTS)  
(PHYLLOXERA)  
(CHLORINE ORGANIC COMPOUNDS)

PRINTS, Ya.I., prof.

Attack upon phylloxera. Priroda 50 no.12:48-52 D '61.  
(MIRA 14:12)

1. Moldavskiy filial AN SSSR, Kishinev.  
(Phylloxera)

MARITS, A.M., doktor fil. nauk, otv. red., SPASSKIY, A.A., akademik.  
red.; PRINTS, Ya.I., akademik, red.; YAROSHENKO, M.F., red.  
DEGTYAREVA, V., red.

[Physiology and biochemistry of the nervous system] Fizic-  
logiya i biokhimiya nervnoi sistemy. Kishinev, Kartia  
moldoveniaske, 1965. 181 p. (MIRA 18:12)

1. Akademiya nauk Moldavskoy SSR, Institut zoologii. 2. AN  
Moldavskoy SR (for Spasskiy, Prints). 3. Glav. korrespondent  
AN Moldavskoy SSR (for Yaroshenko).

PRINTS, Yakov Ivanovich

[Vineyard Phylloxera and its control] Vinogradnaya filloksera  
i mery bor'by s nei. Moskva, Nauka, 1965. 208 p.  
(MIRA 1849)

PRINTS, Ya.I., akademik

In the Moldavian Institute of Zoology. Zashch. rast. ot vred. i  
bol. 9 no.9:6 '64. (MIRA 17:11)

1. Zaveduyushchiy laboratoriyey zoologii vespozvonochnykh Moldav-  
skogo instituta zoologii, Kishinev; AN Moldavskoy SSR.



PRINTS, Ya.I., otv. red.; AVERIN, Yu.V., doktor biol. nauk, red.;  
USPENSKIY, G.A., kandi. biol. nauk, red.; KORYAKINA, I.I.,  
red.

[Injurious entomofauna of Moldavia and measures for its  
control] Vrednaia entomofauna Moldavii i mery bor'by s nei.  
Kishinev, Kartia moldoveniaske, 1963. 108 p.  
(MIRA 17:8)

1. Akademiya nauk Moldavskoy SSR. Institut zoologii.
2. Deystvitel'nyy chlen AN Moldavskoy SSR (for Prints).

PRINTS, Ya.I.; KOZLOV, V.M., mladshiy nauchnyy sotrudnik; SLOMOVSKIY, I.F.,  
mladshiy nauchnyy sotrudnik

Hexachlorobutadiene in controlling Phylloxera. Zashch. rast.  
ot vred. i bol. 8 no.5:25-27 My '63. (MIRA 16:9)

1. Deystvitel'nyy chlen AN Moldavskoy SSR (for Prints).  
(Moldavia--Phylloxera--Extermination) (Insecticides)

PRINTS, Ya. I., otv. red.; AVERIN, Yu. V., doktor biol. nauk, red.;  
USPENSKIY, G. A., kand. biol. nauk, red.; ZARYAKINA, I. I.,  
red.; POLONSKIY, S. A., tekhn. red.

[Problems of the ecology and practical value of birds and mam-  
mals in Moldavia] Voprosy ekologii i prakticheskogo znacheniia  
ptits i mlekopitalushchikh Moldavii. Kishinev, Izd-vo  
"Shtiintsa" Akad. nauk Moldavskoi SSR, 1962. 86 p.

(MIRA 16:1)

1. Akademiya nauk Moldavskoy SSR. Institut zoologii. 2. Dey-  
stvitel'nyy chlen Akademii nauk Moldavskoy SSR (for Prints).  
(Moldavia--Birds) (Moldavia--Mammals)

KOVARSKIY, A.Ye., prof., doktor sel'khoz. nauk, zasl. deyatel' nauk i tekhniki, otv. red.; YAROSHENKO, M.F., doktor biol. nauk, zam. otv. red.; VERDEREVSKIY, D.D., doktor sel'khoz. nauk, red.; IRIKHIMOVICH, A.I., doktor biol. nauk, red.; KOLESNIKOV, S.M., kand. biol. nauk, red.; PRINTS, Ya.I., doktor biol. nauk, red.; RYBIN, V.A., doktor biol. nauk, red.; USPENSKIY, G.A., kand. biol. nauk, red.; GULYAYEVA, Ye.M., kand. biol. nauk, otv. red.; KARYAKINA, I.I., red.; MANDEL'BAUM, M.Ye., tekhn. red.

[Transactions of the Darwin Anniversary Conference] Trudy iubileinoi Darvinovskoi konferentsii. Kishinev, Izd-vo "Shtiintsa," 1960. 389 p. (MIRA 15:9)

1. Yubileyneya Darvinovskaya konferentsiya, 1960. 2. Institut biologii Moldavskogo filiala Akademii nauk SSSR i Kishinevskiy sel'skokhozyaystvennyy institut im. M.V.Frunze (for Kovarskiy). 3. Kishinevskiy sel'skokhozyaystvennyy institut im. M.V.Frunze (for Verderevskiy). 4. Institut biologii Moldavskogo filiala Akademii nauk SSSR (for Kolesnikov, Prints, Uspenskiy, Irikhimovich). 5. Botanicheskiy sad Moldavskogo filiala Akademii nauk SSSR (for Rybin). (Evolution--Congresses)

GENKEL', P.A., prof., otv. red.; MATSYUK, L.S., kand. sel'khoz. nauk, zam. red.; DIMO, H.A., red. [deceased]; DIKUSAR, I.G., doktor sel'khoz. nauk, red.; YAROSHENKO, M.F., doktor biol. nauk, red.; KOVARSKIY, A.Ye., doktor sel'khoz. nauk, red.; ZUBKOV, A.A., doktor med. nauk, red.; PRINTS, Ya.I., doktor biol. nauk, red.; GEYDEMAN, T.S., kand. biol. nauk, red.; IVANOV, S.M., kand. bil. nauk, red.; USPENSKIY, G.A., kand. biol. nauk, red.; GERGELEZHIU, A.K., kand. tekhn. nauk, red.; FITOVA, L., red.; KARYAKINA, I., red.; KOCHANOVA, N., red.; TEL'FIS, V., tekhn. red.

[Papers of the United Scientific Session of the Department of Biological Sciences of the Academy of Sciences of the U.S.S.R. , the Department of Agriculture of the V.I.Lenin All-Union Academy of Agricultural Sciences and the Moldavian Section of the Academy of Sciences of the U.S.S.R.] Trudy ob"edinennoi nauchnoi sessii: Otdelenie biologicheskikh nauk AN SSSR, Otdelenie zemledeliia VASKhNIL, Moldavskii filial AN SSSR. Kishinev, Kartia Moldoveniaske. Vol.2. 1959. 483 p. (MIRA 15:5)

1. Ob"edinennaya nauchnaya sessiya, Kishenev, 1957. Zamestitel' akaderika-sekretarya Otdeleniya biologicheskikh nauk Akademii nauk SSSR (for Genkel'). 2. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Dimo). (Moldavia--Agricultural research--Congresses)

PRINTS, Ya.I., otv. red.; AVERIN, Yu.V., doktor biol. nauk, red.;  
USPENSKIY, G.A., kand.biol. nauk, red.; KARYAKINA, I.I.,  
red.; LEDVICH, M.M., tekhn. red.

[Problems in the ecology and economic importance of terrestrial fauna] Voprosy ekologii i khoziaistvennogo znacheniia nazemnoi fauny. Kishinev, Izd-vo "Shtiintsa," 1961. 83 p.  
(MIRA 15:7)

1. Akademiya nauk Moldavskoy SSR. Institut zoologii. 2. Deystvitel'nyy chlen Akademii nauk Moldavskoy SSR (for Prints).  
(Moldavia--Zoology, Economic)

PRINTS, Yakov Ivanovich; CHELYSHKIN, Yu.G., red.; PROKOF'YEVA, L.N.,  
tekhn. red.

[Pests and diseases of grapevines] Vrediteli i bolezni vinograd-  
noi lozy. Izd.2., ispr. i dop. Moskva, Sel'khozizdat, 1962.  
248 p. (MIRA 16:2)  
(Grapes--Diseases and pests)

PENTSIK, A.S.; PRINTSE, R.Ya.; APINIS, V.K. (Riga)

A case of "Fahr's disease." Vop.neirokhir. 25 no.3:56-58  
My-Je '61. (MIRA 14:5)

1. Klinika nervnykh bolezney Rzhskogo meditsinskogo instituta.  
(CEREBROVASCULAR DISEASES)



*PRINTSENTAL, G.S.*

LITVIN, F.L.; PRINTSENTAL', S.G.; SHIGORIN, G.F.; KOLCHIN, N.I., professor.  
doktor ~~tekhnicheskikh nauk~~, redaktor.

[Production of multiple-thread worm gears with new geometry]  
Proizvodstvo mnogozaokhodnykh chervlakhnykh peredach s novoi  
geometriei. Pod obshchei red. N.I. Kolchina. Leningrad, Gos.  
nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry [Le-  
ningradskoe otd-nie] 1953. 50 p. (Novatory proizvodstva)  
(MLRA 7:3)

(Gearing, Worm) (Spiral milling)

PRINTSENTAL', S.G.; PTITSYN, G.A.; PETRUSEVICH, A.I., doktor tekhnicheskikh nauk, retsenzent; LITVIN, F.L., kandidat tekhnicheskikh nauk, retsenzent; KOMICHEV, V.M., inzhener, redaktor; POL'SKAYA, E.G., tekhnicheskiiy redaktor

[Technology of turbine reduction gear production] Tekhnologiya  
proizvodstva turbinnykh reduktorov. Moskva, Gos. nauchno-tekhn.  
izd-vo mashinostroit. lit-ry, 1953. 303 p. [Microfilm]  
(Turbines) (Gearing) (MLRA 7:10)

*Printsent, S.G.*  
PHASE I BOOK EXPLOITATION

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Turetskiy, Iosif Yudelevich; Lyubimkov, Leonid Nikolayevich; Chernov, Boris Vasil'yevich

Vosstanovleniye tekhnologicheskoy tochnosti zubofrezernykh stankov  
(Restoring the Precision of Gear-cutting Machinery)  
Moscow, Mashgiz, 1957. 115 p. (Bibliotekha zuboreza-novatora, vyp. 7) 10,000 copies printed.

Ed. (title page): Kolchin, N.I., Doctor of Technical Sciences, Professor; Reviewer: Printsent, S.G., Engineer; Ed. (inside book): Shavlyuga, N.I. Docent, Candidate of Technical Sciences; Ed. of Publishing House: Vasil'yeva, V.P.; Tech. Ed.: Pol'skaya, R.; Editorial Board of Series: Kolchin, N.I., Professor, (Chairman); Turetskiy, I. Yu., Candidate of Technical Sciences, and Shavlyuga, N.I., Docent, Candidate of Technical Sciences; Chief Ed. of the Leningrad Branch of Mashgiz: Bol'shakov, S.A., Engineer.

PURPOSE: This pamphlet is one of a series on gear cutting and is intended for skilled machine operators, foremen, and technicians in gear cutting plants.

Card 1/6

Restoring the Precision of (Cont.)

449

COVERAGE: This pamphlet, the 7th of a series, is issued by the Library for the Gear-cutter Innovator, and is a continuation of issue No. 6 Izgotovleniye osobo tochnych peredach (Manufacture of High-precision Gear Drives). It contains a description of the methods and techniques for restoring and increasing accuracy in gear-cutting machines employed by a leading turbine reduction gear plant. In order to make this known-how readily available to other plants engaged in high-precision gear manufacture, this pamphlet presents in a concise manner the sequence of operations in checking the kinematic accuracy of machine tools and methods for correcting copying devices. There are detailed instructions on how to cut new precision indexing gear pairs which are indispensable for the improvement of accuracy in gear-cutting machines. It also explains to replace old indexing fixtures with new worm gear pairs with a higher number of teeth in order to reduce or to eliminate entirely cyclic errors in cutting very-high precision gears. No personalities are mentioned. There are 17 Soviet references.

Card 2/6